SAFETY DATA SHEET

EMERGENCY CALL: 1-800-222-1222

1. IDENTIFICATION

PRODUCT NAME: Cinnerate Fungicide Miticide Insecticide
DESCRIPTION: Broad spectrum biopesticide / insecticide-miticide-fungicide
EPA Reg. No.: FIFRA 25(b) Exempt

COMPANY IDENTIFICATION:
Sym-Agro
111 South Court Street
Suite 206
Visalia, CA 93291

2. HAZARD IDENTIFICATION

WARNING

May cause an allergic skin reaction (H317)
Causes skin irritation (H315)
Causes serious eye irritation (H319)



HAZARD CLASSIFICATION

Health Hazards	Category
Skin Sensitization	1
Skin Corrosion / Irritation	2
Eye Damage / Irritation	2A

Physical Hazards	Category
None	-

Environmental Hazards	Category
None	-

HAZARDS NOT REQUIRING CLASSIFICATION

None

PRECAUTIONARY STATEMENTS

No smoking. Avoid breathing mist/vapors/spray. Wash hands and exposed skin thoroughly after handling. Do not touch eyes. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves/protective clothing. Refer to Section 8 for specific PPE requirements. (P261+P264+P265+P272+P280).

IF ON SKIN: Wash with plenty of water. **If skin irritation or rash occurs:** Get medical help. Specific treatment. (See Section 4 for additional medical information). Take off contaminated clothing and wash it before reuse. (P302+P352+P333+P317+P321+P362+P364)

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing**. If eye irritation persists:** Get medical help. (P305+P351+P338+P337+P317)

Dispose of contents / container in accordance with local regulations. Refer to the product label for specific disposal (P501)

3. COMPOSITION / INFORMATION ON INGREDIENTS

Common Name	Chemical Name	CAS #	Composition
Cinnamon Oil	Cinnamon Oil	8015-91-6	10-25%

NOTE: Ingredients not precisely identified are proprietary or non-hazardous. Values are not product specifications.

4. FIRST AID MEASURES

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For medical emergencies, call the poison control center at 1-800-222-1222. For general information on this product contact the National Pesticides Information Center (NPIC) at 1-800-858-7378, Monday through Friday, 8 AM to 12 PM PST, or at http://npic.orst.edu.

IF IN EYES: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. If eye irritation persists: Get medical advice/attention.

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

5. FIREFIGHTING MEASURES

Flash Point (SCC): >64°C (>146°F)

Flammable Limits (LFL-UFL): Data not available.

Fire and Explosion Hazards: This product does not present any particular risk in case of fire.

Suitable Extinguishing Media: Extinguisher powder or CO_2. In case of more serious fires, also alcohol-resistant foam and water spray.

Unsuitable Extinguishing Media: Do not use a direct stream of water to extinguish. In the presence of electrical voltage, you cannot use water or foam as extinguishing media.

Fire Fighting Instructions: Use water to cool tanks, cisterns, or containers close to the heat source or fire. Take wind direction into account. Prevent the products used to fight the fire from going into drains, sewers, or waterways.

Firefighting Equipment: According to the size of the fire, it may be necessary to use protective suits against the heat, individual breathing equipment, gloves, protective goggles or facemasks, and boots.

Hazardous Combustion Products: Fire can cause thick, black smoke. As a result of thermal decomposition, dangerous products can form: carbon monoxide, carbon dioxide. Exposure to combustion or decomposition products can be harmful to your health. Do not use a direct stream of water to extinguish. In the presence of electrical voltage, you cannot use water or foam as extinguishing media.

NFPA Ratings: Health – 2 / Flammability – 1 / Reactivity – 0

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Evacuate personnel to safe areas. Ensure adequate ventilation, especially in confined area. Use personal protective equipment as required. Keep people away from and upwind of spill/leak.

Environmental Precautions: Prevent material from entering public sewer systems or any waterways. Do not flush to drain. Large spills to soil or similar surfaces may necessitate removal of topsoil. The affected area should be removed and placed in an appropriate container for disposal.

Spill Cleanup: Dike spill using suitable absorbent or impervious materials such as sand or clay. Collect and contain contaminated absorbent and place in an appropriate container for disposal. Pump any free liquid into an appropriate closed container and decontaminate tools and equipment following cleanup. Collect washings for disposal.

7. HANDLING AND STORAGE

Handling: Avoid contact with eyes or clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

Storage: Store in a cool, dry place. Store in original container only. Keep container tightly closed when not in use.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: Provide adequate ventilation, which can be achieved by using good local exhaust-ventilation and a good general exhaust system.

Protective Clothing: Applicators and other handlers must wear: long-sleeved shirt and long pants, shoes plus socks, when mixing, loading and cleaning equipment wear a chemical-resistant apron, for overhead exposure wear chemical-resistant headgear, and waterproof gloves.

General: Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	transparent golden yellow liquid	**pH:**	3.41 (1% dispersion)
		Capillary Viscosity:	21.9 cP @ 26°C
			13.9 cP @ 39°C
Odor:	strong cinnamon-like	**Solubility:**	not available
		Partition coefficient:	not available
Melting/freezing point:	not available	**Vapor pressure:**	not available
Boiling point/Boiling range:	not available	**Hydrometer density:**	1.025 g/cm^3 (8.55 lbs./gal)
Flammability:	not available		@ 26°C
Flammability limits (upper/lower):	not available		0.996 g/cm^3 (8.31 lbs./gal)
Flash point (seta-flash):	>64°C (>146°F)		@ 39°C
Auto-ignition temperature:	not applicable	**Relative vapor density:**	not available
Decomposition temperature:	not available	**Particle characteristics:**	not available

10. STABILITY AND REACTIVITY

CONDITIONS TO AVOID: Heating, high temperature, contact with incompatible materials.

CHEMICAL STABILITY: Stable under normal use and storage conditions over.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon oxides, organic compounds, aromatic compounds.

INCOMPATIBILITY WITH OTHER MATERIALS: Acids, bases, oxidizing agents.

POLYMERIZATION: Will not occur.

11. TOXICOLOGICAL INFORMATION

Information presented below is from testing done on an identical or substantially similar product:

ORAL TOXICITY (rat LD_{50}): Not determined

DERMAL TOXICITY (rat LD_{50}): > 4.587 mg/kg

INHALATION TOXICITY (rat LC_{50}): Not determined

EYE IRRITATION: Eye irritant

SKIN IRRITATION: Skin irritant

SKIN SENSITIZATION: Skin sensitizer

EPA: No conclusive data for classification.

ACGIH: Not listed **IARC:** Not listed

NTP: Not listed **OSHA:** Not listed

ADDITIONAL DATA: No conclusive data for classification.

12. ECOLOGICAL INFORMATION

No information is available regarding the ecotoxicity of the substances present.

Persistence and degradability: There is no information available on the degradability of the substances present.

Bioaccumulative potential: No information is available regarding the bioaccumulation of the substances present.

Mobility in Soil: No information is available about the mobility in soil. The product must not be allowed to go into sewers or waterways. Prevent penetration into the ground.

Other adverse effects: No information is available about other adverse effects for the environment.

13. DISPOSAL CONSIDERATIONS

Do not contaminate water, food or feed by disposal.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Non-refillable container. Do not reuse or refill empty container. Refer to the product label for specific instructions.

14. TRANSPORT INFORMATION

US DOT (shipments by land):
Not Regulated.

IATA (shipments by air):
Not Regulated.

IMDG (shipments by vessel):
Not Regulated.

This information is not intended to convey all specific regulatory or operational requirements/information relating to this product. Transportation classifications may vary by container volume and may be influenced by regional or country variations in regulations. Additional transportation system information can be obtained through an authorized sales or customer service representative. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the material.

15. REGULATORY INFORMATION

FIFRA –
This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. The following is the hazard information as required on the pesticide label:

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION. Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Wear safety glasses or goggles. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

ENVIRONMENTAL HAZARDS
To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. Rinsing application equipment over the treated area will help avoid runoff to water bodies or drainage systems.

All pesticides are governed under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA). The regulatory information presented below is pertinent only when this product is handled outside of the normal use and application as a pesticide. This product is excluded from listing requirements under EPA/TSCA.

SARA Title III – Section 302 Extremely Hazardous Substances
Not Listed

SARA Title III – Section 311/312 Hazard Categories
Immediate (acute)

SARA Title III – Section 313 Reportable Ingredients
None listed

CERCLA –
None

CALIFORNIA PROP 65 STATUS –
This product does not contain any chemical known to the State of California to cause cancer or other reproductive harm.

CANADA –

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by CPR.

16. OTHER INFORMATION

This Safety Data Sheet (SDS) serves different purposes than and DOES NOT REPLACE OR MODIFY THE EPA APPROVED PRODUCT LABELING (attached to and accompanying the product container). This SDS provides important health, safety, and environmental information for employers, employees, emergency responders and others handling large quantities of the product in activities generally other than product use, while the labeling provides that information specifically for product use in the ordinary course.

Sym-Agro,Inc. warrants that this product conformed to its description and was reasonably fit for the purposes stated on the label when used in accordance with Seller's directions. Buyers and users of this product assume the risk of any use contrary to such directions. SELLER MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OR GUARANTEE, INCLUDING ANY OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR OF MERCHANTABILITY AND NO AGENT OF SELLER IS AUTHORIZED TO DO SO. To the extent consistent with applicable law, the Seller's liability for any breach of warranty shall not exceed the purchase price of the material as to which a claim is made.

To the extent consistent with applicable law, Buyers and users of this product are responsible for all loss or damage from use or handling of this product which results from conditions beyond the control of Seller, or without the fault or negligence of the Seller, or from failure to follow the label.

SDS Version: sample Effective Date: 03/22/2023